

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference NIS/JG/JY/43181	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/GB2005/000470	International filing date (day/month/year) 11/02/2005	(Earliest) Priority Date (day/month/year) 12/02/2004
Applicant DYNALOG ELECTRONICS LTD		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

SURVEYING OF BURIED PIPELINES

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2005/000470

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01M3/18 G01N17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01M G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 194 902 B1 (KUO ET AL) 27 February 2001 (2001-02-27)	1-3, 8, 15-17, 23, 24
Y	abstract column 2 - column 4 column 5, line 44 - line 54 column 14, line 64 - column 16, line 2 figures 3b, 4 ----- -/--	9-12, 18-22

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

20 May 2005

Date of mailing of the international search report

01/06/2005

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2005/000470

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PROCEEDINGS NACE CONFERENCE 1987 - CORROSION 87, vol. 311, March 1987 (1987-03), pages 1-10, XP008038213 SAN FRANCISCO, CALIFORNIA, USA	1-4,7, 13-15, 17,24-28
Y	Author: N Frost Title: Electromagnetic techniques for monitoring pipeline coatings the whole document	9-12
X	----- US 5 126 654 A (MURPHY ET AL) 30 June 1992 (1992-06-30) abstract	1-6,15, 24
Y	column 1 - column 3	21,22
A	column 5, line 18 - line 22 column 6, line 20 - column 8, line 25 column 9, line 22 - line 28 column 12, line 9 - line 41 column 13, line 56 - column 14, line 20 figures 2a,2b,2c,6	8,10-14
X	----- EP 0 855 595 A (KAWASAKI STEEL CORPORATION) 29 July 1998 (1998-07-29) abstract	1,2
Y	column 1 - column 2	20
A	column 3, line 53 - line 58 column 4, line 31 - column 5, line 14 column 5, line 36 - line 39	15
Y	----- US 4 390 836 A (BRUCE ET AL) 28 June 1983 (1983-06-28) abstract	21,22
A	column 1 - column 4	1,5,6, 13-15, 24,27,28
Y	----- US 5 785 842 A (SPECK) 28 July 1998 (1998-07-28) abstract; figure 1	18,19
A	----- GB 2 281 398 A (TOKYO GAS CO LTD ; CXR CO LTD) 1 March 1995 (1995-03-01) page 1	1,15,16

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/GB2005/000470

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6194902	B1	27-02-2001	
		US 2002005812 A1	17-01-2002
		AU 1984597 A	16-09-1997
		CA 2247358 A1	04-09-1997
		EP 0885396 A1	23-12-1998
		WO 9732219 A1	04-09-1997
US 5126654	A	30-06-1992	NONE
EP 0855595	A	29-07-1998	
		JP 10206390 A	07-08-1998
		EP 0855595 A2	29-07-1998
		US 6051977 A	18-04-2000
US 4390836	A	28-06-1983	NONE
US 5785842	A	28-07-1998	NONE
GB 2281398	A	01-03-1995	
		JP 4323550 A	12-11-1992
		JP 3152676 B2	03-04-2001
		JP 4350553 A	04-12-1992
		GB 2281399 A ,B	01-03-1995
		CA 2048496 A1	23-10-1992
		DE 4126162 A1	29-10-1992
		FR 2675579 A1	23-10-1992
		GB 2255184 A ,B	28-10-1992
		US 5365169 A	15-11-1994
		US 5461312 A	24-10-1995
		US 5210492 A	11-05-1993

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